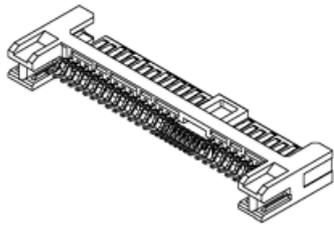


**Part Number: 78477-0001**

1.27mm Pitch SAS Plug, Straddle Mount, 0.76µm Gold (Au) Plating, 22 Circuits, Lead-Free



Series image - Reference only

Status:	OBSOLETE
Replacement:	Contact Molex
Series:	<u>78477</u>
Category:	I/O Connectors

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant

China RoHS:

REACH SVHC: Contains SVHC: No

Low-Halogen Status: Low-Halogen

Part Detail

General	
Status	Obsolete
Category	I/O Connectors
Series	<u>78477</u>
Application	Wire-to-Board
Component Type	Plug
Product Name	SAS
Type	N/A
UPC	883906746384

Physical	
Boot Color	N/A
Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.520/g
Number of Rows	1
Orientation	Horizontal
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	0.076µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	2
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	0°C to +55°C
Termination Interface: Style	Straddle Mount

Electrical	
(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	1.5A
Voltage - Maximum	30V

Agency Certification	
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CSA	LR19980
UL	E29179

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Product Specification	PS-78477-001
Sales Drawing	SD-78477-001

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)